

Sheet 1 of 1 ATTORNEY DOCKET NO. **FORM PTO-1449** U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 10/820,737 1572.1290° FIRST NAMED INVENTOR INFORMATION DISCLOSURE STATEMENT Jong-eun CHAE, et al. FILING DATE GROUP ART UNIT (Use several sheets if necessary) April 9, 2004 3744 **U.S. PATENT DOCUMENTS** DOCUMENT SUB-*EXAMINER **FILING** INITIAL NO. **CLASS** DATE **CLASS** DATE NAME AA AB AC AD ΑE AF FOREIGN PATENT DOCUMENTS DOCUMENT **ABSTRACT TRANSLATION** NO. DATE **COUNTRY** YES NO Abs. AG 2000-88452 3/31/2000 Japan MJE only Abs. 6/14/2002 ΑH 2002-168560 Japan MJE only Αl ΑJ OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) **TRANSLATION** YES NO ΑK **EXAMINER** DATE CONSIDERED 1/16/07 *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through

citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



ATTACHMENT 1(g)

LIST OF ADDITIONAL SUBMITTED DOCUMENTS

ATTORNEY DOCKET NO.	APPLICATION NO.
1572.1290	10/820,737
FIRST NAMED INVENTOR	
Jong-eun CHAE, et al.	
FILING DATE	GROUP ART UNIT
April 9, 2004	3744

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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OTHER DO	THER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) AD The First Office Action issued by the State Intellectual Property of			
MJE	AD	The First Office Action issued by the State Intellectual Property of People's Republic of China in Application No. 200310101052.X on August 5, 2005	X	

EXAMINER 295	DATE CONSIDERED 1/16/07
*EXAMINER: Initial if document considered, whether or not cit citation if not in conformance and not considered. Include copy of	

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO. 1572.1290

Sheet 1 of 1 APPLICATION NO.

15/2.1290
FIRST NAMED INVENTOR

10/820,737

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Jong-eun CHAE, et al.

April 9, 2004

GROUP ART UNIT

3744

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO	ABSTRACT
MJE	AG	3-67982	3-22-1991	Japan	X	Х
	AH	5-141864	6-8-1993	Japan	X	Х
	Al	2000-88452	3-31-2000	Japan	X	Х
MJE	AJ	2002-168560	6-14-2002	Japan	X	Χ.
	AK					
	AL					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)				
MJE	АМ	04101316.0 Abstract/Zusammenfassung/Abrege	X	

EXAMINER		DATE CONSIDERED
استهر	23	1/16/07

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ATTACHMENT 1(g)

1.7

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FIRST NAMED INVENTOR	
Jong-eun CHAE, et al.	
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U.S. PATENT DOCUMENTS

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	AB						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSL YES	ATION NO
AC							
 AD							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			TRANSL YES	ATION NO
MJE	AE	European Patent Office Search Report issued on September 22, 2006 in Application No. 04101316.0 – 1266 (3 pages)	X	. :

EXAMINER 223	DATE CONSIDERED 1/16/07	:	
*EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			